

## Appendix 2: Types of Cycle Parking

---

There are four main categories of cycle parking:

- Tubular Stands;
- Cycle Loops;
- Two Tier Stands;
- Cycle Lockers; and
- Shelters and Compounds

### Tubular Stands

---

There are many types of tubular bicycle stands which can feature many different designs and materials. The two main forms are:

- Sheffield Stands;
- M-profile stands; and
- Cycle Loops

Both tubular structures consist of a metal tube bent into the shape of a square arch to enable the frame of the bicycle to be both supported and secured while parked. (Figure 1 & Figure 2)



Figure 1 Cycle Parking – Tubular - Sheffield Stand



Figure 2 Cycle Parking –Tubular - M Stand

Sustrans estimates the cost to supply and install a single Sheffield Stand to provide parking for two bicycles is £100. ([Sustrans Costing](#) )

### Two Tier Stands

---

The racking system (Figure 3) stores cycles above each other, with a retractable upper tier, which increases the capacity of the parking area. It requires additional investment to allow access facilities to the upper level.

They are best served in situations where there are space constraints and a high demand for cycle parking.



Figure 3 Cycle Parking - Two Tier Stand

Sustrans estimates the cost to supply and install a single two tier stand to provide parking for two bicycles is between £200-£250. ([Sustrans Costing](#) )

### Cycle Lockers

---

Cycle lockers (Figure 4) provide dry and secure cycle parking, along with other storage facilities for longer stays. However, they require additional investment and on-going management relative to other cycle parking solutions and may have space restrictions for the larger cycles.



Figure 4 Cycle Parking - Cycle Lockers

Sustrans estimates the cost to supply and install a single cycle locker to provide secure parking for one bicycle is £600. ([Sustrans Costing](#) )

A variant on the cycle locker and cycle shelter is the 'Lambeth Bikehanger' which provides the secure facilities of the locker in the form of a shelter.



Figure 5 Cycle Parking – Cycle Hangar

### Secure shelters and compounds

---

The cycling shelters and compounds range from simple cycle shelters which are collections of accessible (Figure 6) or secure (Figure 7) tubular stands under a roof to dedicated secure storage facilities (Figure 8).

The latter provide additional security for longer stay cycle parking at locations such as public transport interchange points, workplaces or high density residential developments, with access via electronic means for registered users.



Figure 6 Cycle Parking – Accessible Cycle Shelter using Sheffield Tubular stands



Figure 7 Cycle Parking - Secure Cycle Shelter using Sheffield Tubular stands



Figure 8 Cycle Parking – Cycle Compound

Sustrans estimates the cost to supply and install a single cycle shelter at £2000, before the cost of the individual cycle stands which are around £100 to provide parking for two bicycles. ([Sustrans Costing](#) )